

Applicants: Aidan J. Lavery et al.
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Amendments to the Claims:

Please cancel Claims 2 and 16-17 without prejudice or disclaimer, amend Claims 14-15, and add new Claims 18-19 as set forth below.

1-2. (Canceled)

3. (Previously presented) The recording material according to claim 14 or 15, wherein the transition metal is selected from the group consisting of copper, cobalt, nickel, and manganese.
4. (Previously presented) The recording material according to claim 14 or 15, wherein the anion is an anion of a hydroxycarboxylic acid.
5. (Original) The recording material according to claim 4 wherein the hydroxycarboxylic acid is selected from gluconic acid, glucaric acid, succinic acid, hydroxysuccinic acid (malic acid), 2,3-dihydroxysuccinic acid (tartaric acid) and their mixtures.
6. (Original) The recording material according to claim 4 wherein the hydroxycarboxylic acid is selected from the group of compounds containing an aromatic ring, especially hydroxybenzoic acids such as 2-hydroxybenzoic acid (salicylic acid), 3-hydroxybenzoic acid, 4-hydroxybenzoic acid, 2,4,5-trihydroxybenzoic acid, 4- or 5-sulphosalicylic acid, 4- or 5-hydroxythiosalicylic acid.

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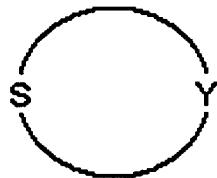
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7. (Previously presented) The recording material according to claim 14 or 15, wherein the anion is selected from ethylene diamine tetracetic acid (EDTA), ethylene diamine triacetic acid, hydroxyethyl ethylene diamine tetracetic acid (HEEDTA), nitrolo triacetic acid or their salts.
8. (Previously presented) The recording material according to claim 14 or 15, wherein the metal-compound-containing layer contains a hydroxybenzoic sulphonic acid as another component.
9. (Previously presented) The recording material according to claim 14 or 15, wherein the complex-forming organic sulphur compound is a compound having the general formula $R_2C=S$, whereby R equally or independently of one another is hydrogen, an NH_2 group, an NHR^1 group, an NR^1_2 group, a methyl, ethyl, propyl, isopropyl group, a substituted or non-substituted aryl with 5 to 12 carbon atoms or alkoxy with 1 to 3 carbon atoms, or both groups R form an aromatic or non-aromatic ring with 5 or 6 carbon atoms which can contain nitrogen and/or sulphur as a heteroatom, wherein R^1 equally or independently of one another has the same meaning as R.

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10. (Previously presented) The recording material according to claim 14 or 15, wherein the complex-forming organic sulphur-containing compound is a compound having the general formula



wherein Y denotes the atoms required to form a substituted or non-substituted aromatic or non-aromatic ring.

11. (Previously presented) The recording material according to claims 14 or 15, wherein the complex-forming organic sulphur-containing compound is a compound having the general formula R_2S , wherein R equally or independently of one another denotes hydrogen, alkyl with 1 to 6 carbon atoms, substituted or non-substituted aryl with 5 to 12 carbon atoms, alkoxy with 1 to 3 carbon atoms, an NH_2 group, an NHR^1 group, an NR^1_2 group, OR^1 , wherein R^1 has the same meaning as R.

12. (Previously presented) The recording material according to claim 14 or 15, wherein the metal compound/sulphur-containing compound weight ratio is 1:1 to 1:2.

13. (Canceled)

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14. (Currently amended) An ink jet recording material for recording an image and for providing ozone resistance, comprising:

a support;

at least one image recording layer for recording the image; and

a ~~an~~ ozone protective layer deposited on the upper side of the image recording layer, wherein the ~~ozone~~ protective layer contains ~~an ozone protective amount of~~

(i) 30 to 80 wt. %, relative to the wt. of the protective layer, an organic sulphur-containing compound which forms complexes with metal ions, (ii) 20 to 80 wt. %, relative to the wt. of the protective layer, a boric acid compound, and (iii) an organic compound having the formula MeX or MeX_2 , where Me is a transition metal from group VIb, VIIb, VIIIb, Ib and IIb in the Periodic Table and X is an anion of a carboxylic acid having 4 to 12 carbon atoms.

15. (Currently amended) An ink jet recording material for recording an image and for providing ozone resistance, comprising:

a support;

at least one image recording layer for recording the image, wherein the image recording layer contains at least one dye-fixing layer and at least one ink absorbing layer, wherein the dye-fixing layer is between the ink absorbing layer and a protective layer and wherein the dye-fixing layer comprises comprising an organic compound having the formula MeX or MeX_2 , where Me is a transition metal from group VIb, VIIb, VIIIb, Ib and IIb in the Periodic Table and X is an anion of a carboxylic acid having 4 to 12 carbon atoms; and

a ~~an~~ ozone protective layer deposited on the upper side of the image recording layer, wherein the ~~ozone~~ protective layer contains ~~an ozone protective amount of~~

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(i) 30 to 80 wt. %, relative to the wt. of the protective layer, an organic sulphur-containing compound which forms complexes with metal ions and (ii) 20 to 80 wt. %, relative to the wt. of the protective layer, a boric acid compound.

16-17. (Canceled)

18. (New) The recording material according to claim 14 or 15, wherein the protective layer contains 40 to 70 wt. %, relative to the wt. of the protective layer, an organic sulphur-containing compound which forms complexes with metal ions.

19. (New) The recording material according to claim 14 or 15, wherein the protective layer contains 30 to 70 wt. %, relative to the wt. of the protective layer, a boric acid compound.